



6073

VOLTAGE REGULATOR

MINIATURE GLOW-DISCHARGE TYPE

~~6073
PREMIUM TYPE~~

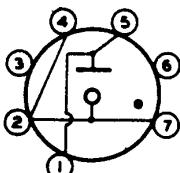
Intended for applications where very stable characteristics and dependable performance under shock and vibration are paramount: The 6073 is a "premium" version of the 042.

DATA

General:

Mechanical I:

Mounting Position Any
 Maximum Overall Length. 2-5/8"
 Maximum Seated Length. 2-3/8"
 Length, Base Seat to Bulb Top (Excluding tip) 2" ± 3/32"
 Maximum Diameter. 3/4"
 Bulb. T-5-1/2
 Base. Small-Button Miniature 7-Pin (JETEC No. E7-1)
 Basing Designation for BOTTOM VIEW 5B0



Pin 5 - Anode
Pin 6 - Internal
Connection -
Do Not Use
Pin 7 - Cathode

Maximum Ratings. Absolute Values:

AVERAGE STARTING CURRENT (See note below)	75 max.	ma
DC CATHODE CURRENT	{ 30 max.	ma
AMBIENT TEMPERATURE RANGE	5 min.	ma
FREQUENCY	-55 to +90	°C
	0 max.	CPS

Characteristics Range Values for Equipment Design:

	<i>Min.</i>	<i>Av.</i>	<i>Max.</i>	
DC Anode-Supply Voltage	185▲	—	—	volts
Anode Breakdown Voltage	—	156	185*	volts
Anode Voltage Drop.	140*	151	168*	volts
Regulation (5 to 30 ma)	—	2	6*	volts

Circuit Values:

NOTE: The notes and circuit information shown under Type 0A2 are also applicable to the 6073.

▲, ♦, ★: See next page.

MAY 1, 1952

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

TENTATIVE DATA

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Shock and Vibration Tests:

These tests are made as indicated in the JAN Specifications JAN 1-A for Electron Tubes, May, 1946 under the sections as follows:

Section F-6b (9e) Shock Test:

Instantaneous Impact Acceleration 900 max. g

Section F-6b (9f) Vibration Test:

Vibrational Acceleration. 2.5 max. g

- ▲ Not less than indicated supply voltage should be provided to insure "starting" throughout tube life.
- Maximum individual tube value during life.
- ▲ Minimum individual tube value during life.

MAY 1, 1952

TENTATIVE DATA

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